

APPENDIX B – TEST DATA OF RADIATED EMISSION

Radiated Emission Band Edge

The worst case attitude: The mobile lay down.

The measurement results are obtained as described below:

Measure Level = Reading Level + cable loss + antenna factor

Sample calculation: (101.83 dBuV/m) = (54.93 dBμV) + (12.4 dB) + (34.5 dB), the corresponding frequency is 5180MHz.

Carrier frequency (MHz): 5180 MHz

Channel No.:36

Test Mode: 802.11a

Polarity:Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5180	101.83	54.93	N/A	N/A	12.4	34.5
2	5150	54.14	7.24	-19.86	74	12.4	34.5

Carrier frequency (MHz): 5180

Channel No.:36

Test Mode: 802.11a

Polarity:Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5180	97.28	50.38	N/A	N/A	12.4	34.5
2	5150	53.93	7.03	-20.07	74	12.4	34.5

Carrier frequency (MHz): 5180 MHz

Channel No.: 36

Test Mode: 802.11a

Polarity:Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5180	97.92	51.02	N/A	N/A	12.4	34.5
2	5150	41.04	-5.86	-12.96	54	12.4	34.5

Carrier frequency (MHz): 5180 MHz

Channel No.: 36

Test Mode: 802.11a

Polarity: Horizontal

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5180	93.77	46.87	N/A	N/A	12.4	34.5
2	5150	40.88	-6.02	-13.12	54	12.4	34.5

Carrier frequency (MHz): 5320 MHz

Channel No.: 64

Test Mode: 802.11a

Polarity: Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5320	98.04	50.94	N/A	N/A	12.6	34.5
2	5350	54.48	6.38	-19.60	74	12.6	34.5

Carrier frequency (MHz): 5320 MHz

Channel No.: 64

Test Mode: 802.11a

Polarity: Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5320	95.01	47.91	N/A	N/A	12.6	34.5
2	5350	54.31	7.21	-19.69	74	12.6	34.5

Carrier frequency (MHz): 5320 MHz

Channel No.: 64

Test Mode: 802.11a

Polarity: Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5320	96.28	49.18	N/A	N/A	12.6	34.5
2	5350	41.38	-5.72	-12.62	54	12.6	34.5

Carrier frequency (MHz): 5320 MHz

Channel No.:64

Test Mode: 802.11a

Polarity:Horizontal

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5320	91.50	44.40	N/A	N/A	12.6	34.5
2	5350	40.94	-6.16	-13.06	54	12.6	34.5

Carrier frequency (MHz): 5500 MHz

Channel No.:100

Test Mode: 802.11a

Polarity:Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5500	99.02	51.72	N/A	N/A	12.7	34.6
2	5475	53.72	6.42	-20.28	74	12.7	34.6

Carrier frequency (MHz): 5500 MHz

Channel No.:100

Test Mode: 802.11a

Polarity:Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5500	94.79	47.49	N/A	N/A	12.7	34.6
2	5475	54.18	6.88	-19.82	74	12.7	34.6

Carrier frequency (MHz): 5500 MHz

Channel No.:100

Test Mode: 802.11a

Polarity:Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5500	97.30	50.00	N/A	N/A	12.7	34.6
2	5475	41.25	-6.05	-12.75	54	12.7	34.6

Carrier frequency (MHz): 5500 MHz

Channel No.:100

Test Mode: 802.11a

Polarity:Horizontal

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5500	93.12	45.82	N/A	N/A	12.7	34.6
2	5475	40.97	-6.33	-13.03	54	12.7	34.6

Carrier frequency (MHz): 5825 MHz

Channel No.:165

Test Mode: 802.11a

Polarity:Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5825	97.50	49.90	N/A	N/A	12.9	34.7
2	5850	54.18	6.58	-19.82	74	12.9	34.7

Carrier frequency (MHz): 5825 MHz

Channel No.:165

Test Mode: 802.11a

Polarity:Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5825	92.56	44.96	N/A	N/A	12.9	34.7
2	5850	53.67	6.07	-20.33	74	12.9	34.7

Carrier frequency (MHz): 5825 MHz

Channel No.:165

Test Mode: 802.11a

Polarity:Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5825	96.54	48.94	N/A	N/A	12.9	34.7
2	5850	41.65	-5.95	-12.35	54	12.9	34.7

Carrier frequency (MHz): 5825 MHz

Channel No.:165

Test Mode: 802.11a

Polarity:Horizontal

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5825	92.41	44.81	N/A	N/A	12.9	34.7
2	5850	41.62	-5.98	-12.38	54	12.9	34.7

Carrier frequency (MHz): 5180 MHz

Channel No.:36

Test Mode: 802.11n (HT20)

Polarity:Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5180	101.14	54.24	N/A	N/A	12.4	34.5
2	5150	54.43	7.53	-19.57	74	12.4	34.5

Carrier frequency (MHz): 5180

Channel No.:36

Test Mode: 802.11n (HT20)

Polarity:Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5180	96.21	49.31	N/A	N/A	12.4	34.5
2	5150	53.55	6.65	-20.45	74	12.4	34.5

Carrier frequency (MHz): 5180 MHz

Channel No.: 36

Test Mode: 802.11n (HT20)

Polarity:Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5180	97.58	50.68	N/A	N/A	12.4	34.5
2	5150	40.60	-6.30	-13.40	54	12.4	34.5

Carrier frequency (MHz): 5180 MHz

Channel No.: 36

Test Mode: 802.11n (HT20)

Polarity: Horizontal

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5180	92.91	46.01	N/A	N/A	12.4	34.5
2	5150	40.01	-6.89	-13.99	54	12.4	34.5

Carrier frequency (MHz): 5320 MHz

Channel No.: 64

Test Mode: 802.11n (HT20)

Polarity: Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5320	98.04	50.94	N/A	N/A	12.6	34.5
2	5350	54.23	6.32	-19.77	74	12.6	34.5

Carrier frequency (MHz): 5320 MHz

Channel No.: 64

Test Mode: 802.11n (HT20)

Polarity: Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5320	93.50	46.40	N/A	N/A	12.6	34.5
2	5350	53.67	6.57	-20.33	74	12.6	34.5

Carrier frequency (MHz): 5320 MHz

Channel No.: 64

Test Mode: 802.11n (HT20)

Polarity: Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5320	96.55	49.45	N/A	N/A	12.6	34.5
2	5350	41.60	-5.50	-12.40	54	12.6	34.5

Carrier frequency (MHz): 5320 MHz

Channel No.:64

Test Mode: 802.11n (HT20)

Polarity:Horizontal

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5320	91.83	44.73	N/A	N/A	12.6	34.5
2	5350	41.02	-6.08	-12.98	54	12.6	34.5

Carrier frequency (MHz): 5500 MHz

Channel No.:100

Test Mode: 802.11n (HT20)

Polarity:Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5500	97.92	50.62	N/A	N/A	12.7	34.6
2	5475	54.46	7.16	-19.54	74	12.7	34.6

Carrier frequency (MHz): 5500 MHz

Channel No.:100

Test Mode: 802.11n (HT20)

Polarity:Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5500	93.17	45.87	N/A	N/A	12.7	34.6
2	5475	53.91	6.61	-20.09	74	12.7	34.6

Carrier frequency (MHz): 5500 MHz

Channel No.:100

Test Mode: 802.11n (HT20)

Polarity:Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5500	97.79	50.49	N/A	N/A	12.7	34.6
2	5475	41.53	-5.77	-12.47	54	12.7	34.6

Carrier frequency (MHz): 5500 MHz

Channel No.:100

Test Mode: 802.11n (HT20)

Polarity:Horizontal
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5500	92.97	45.67	N/A	N/A	12.7	34.6
2	5475	40.82	-6.48	-13.18	54	12.7	34.6

Carrier frequency (MHz): 5825 MHz
Channel No.:165
Test Mode: 802.11n (HT20)
Polarity:Vertical
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5825	97.93	50.33	N/A	N/A	12.9	34.7
2	5850	54.13	6.83	-19.87	74	12.9	34.7

Carrier frequency (MHz): 5825 MHz
Channel No.:165
Test Mode: 802.11n (HT20)
Polarity:Horizontal
Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5825	93.37	45.77	N/A	N/A	12.9	34.7
2	5850	53.39	5.79	-20.61	74	12.9	34.7

Carrier frequency (MHz): 5825 MHz
Channel No.:165
Test Mode: 802.11n (HT20)
Polarity:Vertical
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5825	97.12	49.52	N/A	N/A	12.9	34.7
2	5850	41.12	-5.72	-12.88	54	12.9	34.7

Carrier frequency (MHz): 5825 MHz
Channel No.:165
Test Mode: 802.11n (HT20)
Polarity:Horizontal
Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5825	92.88	45.28	N/A	N/A	12.9	34.7
2	5850	41.61	-5.99	-12.39	54	12.9	34.7

Carrier frequency (MHz): 5190 MHz

Channel No.:38

Test Mode: 802.11n (HT40)

Polarity:Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5190	100.18	53.28	N/A	N/A	12.4	34.5
2	5150	54.17	7.27	-19.83	74	12.4	34.5

Carrier frequency (MHz): 5190 MHz

Channel No.:38

Test Mode: 802.11n (HT40)

Polarity:Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5190	96.16	49.26	N/A	N/A	12.4	34.5
2	5150	53.87	6.97	-20.13	74	12.4	34.5

Carrier frequency (MHz): 5190 MHz

Channel No.:38

Test Mode: 802.11n (HT40)

Polarity:Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5190	95.91	49.01	N/A	N/A	12.4	34.5
2	5150	40.32	-6.58	-13.68	54	12.4	34.5

Carrier frequency (MHz): 5190 MHz

Channel No.:38

Test Mode: 802.11n (HT40)

Polarity:Horizontal

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5190	91.00	44.10	N/A	N/A	12.4	34.5
2	5150	39.7	-7.16	-14.26	54	12.4	34.5

Carrier frequency (MHz): 5310 MHz

Channel No.:62

Test Mode: 802.11n (HT40)

Polarity:Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5310	96.60	49.50	N/A	N/A	12.6	34.5
2	5350	53.84	6.36	-20.16	74	12.6	34.5

Carrier frequency (MHz): 5310 MHz

Channel No.:62

Test Mode: 802.11n (HT40)

Polarity:Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5310	92.29	45.19	N/A	N/A	12.6	34.5
2	5350	52.96	5.86	-21.04	74	12.6	34.5

Carrier frequency (MHz): 5310 MHz

Channel No.:62

Test Mode: 802.11n (HT40)

Polarity:Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5310	94.74	47.64	N/A	N/A	12.6	34.5
2	5350	41.66	-5.44	-12.34	54	12.6	34.5

Carrier frequency (MHz): 5310 MHz

Channel No.:62

Test Mode: 802.11n (HT40)

Polarity:Horizontal

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5310	90.19	43.09	N/A	N/A	12.6	34.5
2	5350	41.57	-5.53	-12.43	54	12.6	34.5

Carrier frequency (MHz): 5510 MHz

Channel No.:102

Test Mode: 802.11n (HT40)

Polarity:Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5510	96.97	49.67	N/A	N/A	12.7	34.6
2	5475	54.22	6.92	-19.78	74	12.7	34.6

Carrier frequency (MHz): 5510 MHz

Channel No.:102

Test Mode: 802.11n (HT40)

Polarity:Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5510	92.69	45.39	N/A	N/A	12.7	34.6
2	5475	53.84	6.54	-20.16	74	12.7	34.6

Carrier frequency (MHz): 5510 MHz

Channel No.:102

Test Mode: 802.11n (HT40)

Polarity:Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5510	95.13	47.83	N/A	N/A	12.7	34.6
2	5475	40.73	-6.57	-13.27	54	12.7	34.6

Carrier frequency (MHz): 5510 MHz

Channel No.:102

Test Mode: 802.11n (HT40)

Polarity:Horizontal

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5510	90.71	43.41	N/A	N/A	12.7	34.6
2	5475	40.36	-6.94	-13.64	54	12.7	34.6

Carrier frequency (MHz): 5795 MHz

Channel No.:159

Test Mode: 802.11n (HT40)

Polarity:Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5795	96.77	49.17	N/A	N/A	12.9	34.7
2	5850	54.27	6.67	-19.73	74	12.9	34.7

Carrier frequency (MHz): 5795 MHz

Channel No.:159

Test Mode: 802.11n (HT40)

Polarity:Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5795	92.03	44.43	N/A	N/A	12.9	34.7
2	5850	53.42	5.82	-20.58	74	12.9	34.7

Carrier frequency (MHz): 5795 MHz

Channel No.:159

Test Mode: 802.11n (HT40)

Polarity:Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5795	93.18	45.58	N/A	N/A	12.9	34.7
2	5850	41.78	-5.82	-12.22	54	12.9	34.7

Carrier frequency (MHz): 5795 MHz

Channel No.:159

Test Mode: 802.11n (HT40)

Polarity:Horizontal

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5795	88.37	40.77	N/A	N/A	12.9	34.7
2	5850	41.28	-6.32	-12.72	54	12.9	34.7

Carrier frequency (MHz): 5180 MHz

Channel No.:36

Test Mode: 802.11ac (VHT20)

Polarity:Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5180	99.59	52.69	N/A	N/A	12.4	34.5
2	5150	54.49	7.59	-19.51	74	12.4	34.5

Carrier frequency (MHz): 5180

Channel No.:36

Test Mode: 802.11ac (VHT20)

Polarity:Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5180	94.84	47.94	N/A	N/A	12.4	34.5
2	5150	53.59	6.69	-20.41	74	12.4	34.5

Carrier frequency (MHz): 5180 MHz

Channel No.: 36

Test Mode: 802.11ac (VHT20)

Polarity:Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5180	96.12	49.22	N/A	N/A	12.4	34.5
2	5150	40.47	-6.43	-13.53	54	12.4	34.5

Carrier frequency (MHz): 5180 MHz

Channel No.: 36

Test Mode: 802.11ac (VHT20)

Polarity: Horizontal

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5180	91.98	45.08	N/A	N/A	12.4	34.5
2	5150	40.15	-6.75	-13.85	54	12.4	34.5

Carrier frequency (MHz): 5320 MHz

Channel No.: 64

Test Mode: 802.11ac (VHT20)

Polarity: Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5320	96.41	49.31	N/A	N/A	12.6	34.5
2	5350	54.32	7.22	-19.68	74	12.6	34.5

Carrier frequency (MHz): 5320 MHz

Channel No.: 64

Test Mode: 802.11ac (VHT20)

Polarity: Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5320	91.87	44.77	N/A	N/A	12.6	34.5
2	5350	54.16	7.06	-19.84	74	12.6	34.5

Carrier frequency (MHz): 5320 MHz

Channel No.: 64

Test Mode: 802.11ac (VHT20)

Polarity: Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5320	94.91	47.81	N/A	N/A	12.6	34.5
2	5350	41.18	-5.92	-12.82	54	12.6	34.5

Carrier frequency (MHz): 5320 MHz

Channel No.:64

Test Mode: 802.11ac (VHT20)

Polarity:Horizontal

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5320	90.09	42.99	N/A	N/A	12.6	34.5
2	5350	41.33	-5.77	-12.67	54	12.6	34.5

Carrier frequency (MHz): 5500 MHz

Channel No.:100

Test Mode: 802.11ac (VHT20)

Polarity:Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5500	97.13	49.83	N/A	N/A	12.7	34.6
2	5475	53.67	6.37	-20.33	74	12.7	34.6

Carrier frequency (MHz): 5500 MHz

Channel No.:100

Test Mode: 802.11ac (VHT20)

Polarity:Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5500	92.31	45.01	N/A	N/A	12.7	34.6
2	5475	53.87	6.57	-20.13	74	12.7	34.6

Carrier frequency (MHz): 5500 MHz

Channel No.:100

Test Mode: 802.11ac (VHT20)

Polarity:Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5500	94.64	47.34	N/A	N/A	12.7	34.6
2	5475	40.79	-6.51	-13.21	54	12.7	34.6

Carrier frequency (MHz): 5500 MHz

Channel No.:100

Test Mode: 802.11ac (VHT20)

Polarity:Horizontal

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5500	90.11	42.81	N/A	N/A	12.7	34.6
2	5475	40.7	-6.60	-13.30	54	12.7	34.6

Carrier frequency (MHz): 5825 MHz

Channel No.:165

Test Mode: 802.11ac (VHT20)

Polarity:Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5825	96.70	49.10	N/A	N/A	12.9	34.7
2	5850	54.88	7.28	-19.12	74	12.9	34.7

Carrier frequency (MHz): 5825 MHz

Channel No.:165

Test Mode: 802.11ac (VHT20)

Polarity:Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5825	92.02	44.42	N/A	N/A	12.9	34.7
2	5850	54.19	6.59	-19.81	74	12.9	34.7

Carrier frequency (MHz): 5825 MHz

Channel No.:165

Test Mode: 802.11ac (VHT20)

Polarity:Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5825	93.74	46.14	N/A	N/A	12.9	34.7
2	5850	41.74	-5.86	-12.26	54	12.9	34.7

Carrier frequency (MHz): 5825 MHz

Channel No.:165

Test Mode: 802.11ac (VHT20)

Polarity:Horizontal

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5825	88.92	41.32	N/A	N/A	12.9	34.7
2	5850	41.08	-6.52	-12.92	54	12.9	34.7

Carrier frequency (MHz): 5190 MHz

Channel No.:38

Test Mode: 802.11ac (VHT40)

Polarity:Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5190	98.83	51.93	N/A	N/A	12.4	34.5
2	5150	53.72	6.82	-20.28	74	12.4	34.5

Carrier frequency (MHz): 5190 MHz

Channel No.:38

Test Mode: 802.11ac (VHT40)

Polarity:Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5190	94.11	47.21	N/A	N/A	12.4	34.5
2	5150	53.67	6.77	-20.33	74	12.4	34.5

Carrier frequency (MHz): 5190 MHz

Channel No.:38

Test Mode: 802.11ac (VHT40)

Polarity:Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5190	94.95	48.05	N/A	N/A	12.4	34.5
2	5150	40.59	-6.31	-13.41	54	12.4	34.5

Carrier frequency (MHz): 5190 MHz

Channel No.:38

Test Mode: 802.11ac (VHT40)

Polarity:Horizontal

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5190	90.21	43.31	N/A	N/A	12.4	34.5
2	5150	39.65	-7.25	-14.35	54	12.4	34.5

Carrier frequency (MHz): 5310 MHz

Channel No.:62

Test Mode: 802.11ac (VHT40)

Polarity:Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5310	95.93	48.83	N/A	N/A	12.6	34.5
2	5350	54.33	7.23	-19.67	74	12.6	34.5

Carrier frequency (MHz): 5310 MHz

Channel No.:62

Test Mode: 802.11ac (VHT40)

Polarity:Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5310	91.31	44.21	N/A	N/A	12.6	34.5
2	5350	53.33	6.23	-20.67	74	12.6	34.5

Carrier frequency (MHz): 5310 MHz

Channel No.:62

Test Mode: 802.11ac (VHT40)

Polarity:Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5310	93.27	46.17	N/A	N/A	12.6	34.5
2	5350	40.96	-6.14	-13.04	54	12.6	34.5

Carrier frequency (MHz): 5310 MHz

Channel No.:62

Test Mode: 802.11ac (VHT40)

Polarity:Horizontal

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5310	88.78	41.68	N/A	N/A	12.6	34.5
2	5350	40.98	-6.12	-13.02	54	12.6	34.5

Carrier frequency (MHz): 5510 MHz

Channel No.:102

Test Mode: 802.11ac (VHT40)

Polarity:Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5510	96.10	48.80	N/A	N/A	12.7	34.6
2	5475	53.51	6.21	-20.49	74	12.7	34.6

Carrier frequency (MHz): 5510 MHz

Channel No.:102

Test Mode: 802.11ac (VHT40)

Polarity:Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5510	91.48	44.18	N/A	N/A	12.7	34.6
2	5475	53.50	6.20	-20.50	74	12.7	34.6

Carrier frequency (MHz): 5510 MHz

Channel No.:102

Test Mode: 802.11ac (VHT40)

Polarity:Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5510	93.27	45.97	N/A	N/A	12.7	34.6
2	5475	40.59	-6.71	-13.41	54	12.7	34.6

Carrier frequency (MHz): 5510 MHz

Channel No.:102

Test Mode: 802.11ac (VHT40)

Polarity:Horizontal

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5510	88.65	41.35	N/A	N/A	12.7	34.6
2	5475	39.97	-7.33	-14.03	54	12.7	34.6

Carrier frequency (MHz): 5795 MHz

Channel No.:159

Test Mode: 802.11ac (VHT40)

Polarity:Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5795	95.76	48.16	N/A	N/A	12.9	34.7
2	5850	54.59	6.29	-19.41	74	12.9	34.7

Carrier frequency (MHz): 5795 MHz

Channel No.:159

Test Mode: 802.11ac (VHT40)

Polarity:Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5795	90.84	43.24	N/A	N/A	12.9	34.7
2	5850	54.51	6.91	-19.49	74	12.9	34.7

Carrier frequency (MHz): 5795 MHz

Channel No.:159

Test Mode: 802.11ac (VHT40)

Polarity:Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5795	92.57	44.97	N/A	N/A	12.9	34.7
2	5850	41.04	-6.56	-12.96	54	12.9	34.7

Carrier frequency (MHz): 5795 MHz

Channel No.:159

Test Mode: 802.11ac (VHT40)

Polarity:Horizontal

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5795	88.16	40.56	N/A	N/A	12.9	34.7
2	5850	41.57	-6.03	-12.43	54	12.9	34.7

Carrier frequency (MHz): 5210 MHz

Channel No.:42

Test Mode: 802.11ac (VHT80)

Polarity:Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5210	98.25	51.35	N/A	N/A	12.4	34.5
2	5150	53.84	6.94	-20.16	74	12.4	34.5

Carrier frequency (MHz): 5210 MHz

Channel No.:42

Test Mode: 802.11ac (VHT80)

Polarity:Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5210	94.02	47.12	N/A	N/A	12.4	34.5
2	5150	54.17	7.27	-19.83	74	12.4	34.5

Carrier frequency (MHz): 5210 MHz

Channel No.:42

Test Mode: 802.11ac (VHT80)

Polarity:Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5210	93.49	46.59	N/A	N/A	12.4	34.5
2	5150	40.70	-6.20	-13.30	54	12.4	34.5

Carrier frequency (MHz): 5210 MHz

Channel No.:42

Test Mode: 802.11ac (VHT80)

Polarity:Horizontal

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5210	89.26	42.36	N/A	N/A	12.4	34.5
2	5150	39.84	-7.06	-14.16	54	12.4	34.5

Carrier frequency (MHz): 5290 MHz

Channel No.:58

Test Mode: 802.11ac (VHT80)

Polarity:Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5290	94.74	47.64	N/A	N/A	12.6	34.5
2	5350	53.87	6.77	-20.13	74	12.6	34.5

Carrier frequency (MHz): 5290 MHz

Channel No.:58

Test Mode: 802.11ac (VHT80)

Polarity:Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5290	90.72	43.62	N/A	N/A	12.6	34.5
2	5350	53.40	6.30	-20.60	74	12.6	34.5

Carrier frequency (MHz): 5290 MHz

Channel No.:58

Test Mode: 802.11ac (VHT80)

Polarity:Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5290	92.99	45.89	N/A	N/A	12.6	34.5
2	5350	41.57	-5.43	-12.43	54	12.6	34.5

Carrier frequency (MHz): 5290 MHz

Channel No.:58

Test Mode: 802.11ac (VHT80)

Polarity:Horizontal

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5290	88.57	41.47	N/A	N/A	12.6	34.5
2	5350	41.01	-6.09	-12.99	54	12.6	34.5

Carrier frequency (MHz): 5610 MHz

Channel No.:122

Test Mode: 802.11ac (VHT80)

Polarity:Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5610	94.46	47.16	N/A	N/A	12.7	34.6
2	5475	53.98	6.68	-20.02	74	12.7	34.6

Carrier frequency (MHz): 5610 MHz

Channel No.:122

Test Mode: 802.11ac (VHT80)

Polarity:Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5610	89.94	42.64	N/A	N/A	12.7	34.6
2	5475	54.17	6.87	-19.83	74	12.7	34.6

Carrier frequency (MHz): 5610 MHz

Channel No.:122

Test Mode: 802.11ac (VHT80)

Polarity:Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5610	92.45	45.15	N/A	N/A	12.7	34.6
2	5475	41.15	-6.15	-12.85	54	12.7	34.6

Carrier frequency (MHz): 5610 MHz

Channel No.:122

Test Mode: 802.11ac (VHT80)

Polarity:Horizontal

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5610	87.47	40.17	N/A	N/A	12.7	34.6
2	5475	40.49	-6.81	-13.51	54	12.7	34.6

Carrier frequency (MHz): 5775 MHz

Channel No.:155

Test Mode: 802.11ac (VHT80)

Polarity:Vertical

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5775	94.97	47.37	N/A	N/A	12.9	34.7
2	5850	54.54	6.94	-19.46	74	12.9	34.7

Carrier frequency (MHz): 5775 MHz

Channel No.:155

Test Mode: 802.11ac (VHT80)

Polarity:Horizontal

Detector: Peak

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5775	90.13	42.53	N/A	N/A	12.9	34.7
2	5850	54.40	6.80	-19.60	74	12.9	34.7

Carrier frequency (MHz): 5775 MHz

Channel No.:155

Test Mode: 802.11ac (VHT80)

Polarity:Vertical

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5775	91.56	43.96	N/A	N/A	12.9	34.7
2	5850	42.14	-5.46	-11.86	54	12.9	34.7

Carrier frequency (MHz): 5775 MHz

Channel No.:155

Test Mode: 802.11ac (VHT80)

Polarity:Horizontal

Detector: Average

No	Frequency (MHz)	Measure Level (dBuV/m)	Reading Level (dBuV)	Over Limit (dB)	Limit (dBuV/m)	cable loss (dB)	antenna factor (dB)
1	5775	86.59	38.99	N/A	N/A	12.9	34.7
2	5850	41.86	-5.74	-12.14	54	12.9	34.7

Sample Calculations

Determining Spurious Emissions Levels

A “reference path loss” is established and the A_{Rpl} is the attenuation of “reference path loss”, and including the gain of receive antenna, the gain of the preamplifier, the cable loss.

The measurement results are obtained as described below:

Result= $P_{mea} + A_{Rpl}$

Sample calculation: $(31.05 \text{ dB}\mu\text{V/m}) = (44.55 \text{ dB}\mu\text{V}) + (-13.5 \text{ dB/m})$, the corresponding frequency is 30.282917MHz.

The worst case attitude: The mobile lay down.

For 802.11a Channel No.:36

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.282917	31.05	-13.5	44.55	Vertical	40.00
30.727500	32.25	-13.8	46.05	Vertical	40.00
31.172083	30.92	-14.0	44.92	Vertical	40.00
31.414583	30.81	-14.1	44.91	Vertical	40.00
33.314167	24.35	-15.0	39.35	Vertical	40.00
49.319167	21.58	-23.7	45.28	Vertical	40.00

For 802.11n(HT20) Channel No.:36

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.000000	30.13	-13.4	43.53	Vertical	40.00
30.808333	32.76	-13.8	46.56	Vertical	40.00
31.050833	32.23	-13.9	46.13	Vertical	40.00
33.314167	23.71	-15.0	38.71	Vertical	40.00
54.169167	21.26	-25.2	46.46	Vertical	40.00
54.977500	19.82	-25.4	45.22	Vertical	40.00

For 802.11ac(HT20) Channel No.:36

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.000000	29.93	-13.4	43.33	Vertical	40.00
30.565833	30.96	-13.7	44.66	Vertical	40.00
31.778333	28.28	-14.2	42.48	Vertical	40.00
32.142083	26.82	-14.4	41.22	Vertical	40.00
32.425000	26.04	-14.6	40.64	Vertical	40.00
33.071667	24.22	-14.9	39.12	Vertical	40.00

For 802.11a Channel No.:40

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.040417	29.97	-13.4	43.37	Vertical	40.00
30.808333	32.79	-13.8	46.59	Vertical	40.00
31.495417	30.07	-14.1	44.17	Vertical	40.00
32.667500	25.09	-14.7	39.79	Vertical	40.00
33.273750	23.76	-14.9	38.66	Vertical	40.00
53.562917	20.94	-25.1	46.04	Vertical	40.00

For 802.11n(HT20) Channel No.:40

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.323333	30.62	-13.6	44.22	Vertical	40.00
31.131667	31.95	-13.9	45.85	Vertical	40.00
32.869583	24.83	-14.8	39.63	Vertical	40.00
33.516250	23.05	-15.1	38.15	Vertical	40.00
49.278750	21.00	-23.7	44.7	Vertical	40.00
53.845833	21.45	-25.1	46.55	Vertical	40.00

For 802.11ac(HT20) Channel No.:40

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.848750	32.97	-13.8	46.77	Vertical	40.00
31.535833	30.00	-14.1	44.1	Vertical	40.00
32.263333	27.07	-14.5	41.57	Vertical	40.00
34.203333	18.95	-15.4	34.35	Vertical	40.00
53.239583	20.46	-25.0	45.46	Vertical	40.00
54.290417	21.16	-25.3	46.46	Vertical	40.00

For 802.11a Channel No.:48

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.404167	30.72	-13.6	44.32	Vertical	40.00
30.889167	32.93	-13.8	46.73	Vertical	40.00
31.212500	31.87	-14.0	45.87	Vertical	40.00
32.222917	27.07	-14.5	41.57	Vertical	40.00
54.330833	21.09	-25.3	46.39	Vertical	40.00
55.058333	19.90	-25.4	45.3	Vertical	40.00

For 802.11n(HT20) Channel No.:48

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.202083	30.62	-13.5	44.12	Vertical	40.00
30.848750	33.18	-13.8	46.98	Vertical	40.00
31.455000	30.96	-14.1	45.06	Vertical	40.00
32.788750	24.85	-14.7	39.55	Vertical	40.00
54.047917	21.65	-25.2	46.85	Vertical	40.00
54.613750	20.32	-25.3	45.62	Vertical	40.00

For 802.11ac(HT20) Channel No.:48

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.525417	31.17	-13.7	44.87	Vertical	40.00
31.293333	31.41	-14.0	45.41	Vertical	40.00
32.101667	27.28	-14.4	41.68	Vertical	40.00
32.990833	24.73	-14.8	39.53	Vertical	40.00
49.440417	20.40	-23.8	44.2	Vertical	40.00
54.169167	21.42	-25.2	46.62	Vertical	40.00

For 802.11a Channel No.:52

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.000000	30.11	-13.4	43.51	Vertical	40.00
30.565833	31.56	-13.7	45.26	Vertical	40.00
31.212500	31.86	-14.0	45.86	Vertical	40.00
32.222917	26.94	-14.5	41.44	Vertical	40.00
32.829167	24.71	-14.7	39.41	Vertical	40.00
33.314167	23.88	-15.0	38.88	Vertical	40.00

For 802.11n(HT20) Channel No.:52

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.000000	29.95	-13.4	43.35	Vertical	40.00
30.767917	32.56	-13.8	46.36	Vertical	40.00
31.414583	31.24	-14.1	45.34	Vertical	40.00
32.142083	27.15	-14.4	41.55	Vertical	40.00
32.829167	24.88	-14.7	39.58	Vertical	40.00
54.007500	21.67	-25.2	46.87	Vertical	40.00

For 802.11ac(HT20) Channel No.:52

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.202083	30.61	-13.5	44.11	Vertical	40.00
31.050833	32.39	-13.9	46.29	Vertical	40.00
32.344167	26.95	-14.5	41.45	Vertical	40.00
52.471667	20.16	-24.8	44.96	Vertical	40.00
52.997083	20.06	-24.9	44.96	Vertical	40.00
53.926667	21.69	-25.2	46.89	Vertical	40.00

For 802.11a Channel No.:60

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.161667	30.36	-13.5	43.86	Vertical	40.00
30.929583	32.67	-13.8	46.47	Vertical	40.00
32.788750	25.15	-14.7	39.85	Vertical	40.00
33.071667	24.49	-14.9	39.39	Vertical	40.00
53.280000	20.67	-25.0	45.67	Vertical	40.00
53.643750	21.30	-25.1	46.4	Vertical	40.00

For 802.11n(HT20) Channel No.:60

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.282917	30.57	-13.5	44.07	Vertical	40.00
30.929583	32.69	-13.8	46.49	Vertical	40.00
31.778333	28.53	-14.2	42.73	Vertical	40.00
32.303750	27.05	-14.5	41.55	Vertical	40.00
33.071667	24.49	-14.9	39.39	Vertical	40.00
33.637500	22.70	-15.1	37.8	Vertical	40.00

For 802.11ac(HT20) Channel No.:60

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.282917	30.43	-13.5	43.93	Vertical	40.00
31.293333	31.85	-14.0	45.85	Vertical	40.00
31.818750	28.31	-14.3	42.61	Vertical	40.00
32.546250	25.99	-14.6	40.59	Vertical	40.00
33.475833	23.66	-15.0	38.66	Vertical	40.00
53.886250	21.66	-25.2	46.86	Vertical	40.00

For 802.11a Channel No.:64

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.323333	30.37	-13.6	43.97	Vertical	40.00
31.050833	32.34	-13.9	46.24	Vertical	40.00
31.535833	29.97	-14.1	44.07	Vertical	40.00
31.899583	27.78	-14.3	42.08	Vertical	40.00
32.748333	25.18	-14.7	39.88	Vertical	40.00
33.395000	24.16	-15.0	39.16	Vertical	40.00

For 802.11n(HT20) Channel No.:64

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.282917	30.62	-13.5	44.12	Vertical	40.00
30.565833	31.55	-13.7	45.25	Vertical	40.00
31.091250	32.04	-13.9	45.94	Vertical	40.00
53.441667	20.94	-25.0	45.94	Vertical	40.00
53.684167	21.41	-25.1	46.51	Vertical	40.00
54.169167	21.58	-25.2	46.78	Vertical	40.00

For 802.11ac(HT20) Channel No.:64

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.000000	29.23	-13.4	42.63	Vertical	40.00
30.242500	30.14	-13.5	43.64	Vertical	40.00
31.293333	31.34	-14.0	45.34	Vertical	40.00
49.521250	19.71	-23.9	43.61	Vertical	40.00
53.643750	20.68	-25.1	45.78	Vertical	40.00
53.967083	21.11	-25.2	46.31	Vertical	40.00

For 802.11a Channel No.:100

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.080833	29.63	-13.5	43.13	Vertical	40.00
30.606250	31.13	-13.7	44.83	Vertical	40.00
30.889167	32.71	-13.8	46.51	Vertical	40.00
31.293333	31.63	-14.0	45.63	Vertical	40.00
31.899583	27.54	-14.3	41.84	Vertical	40.00
32.869583	24.44	-14.8	39.24	Vertical	40.00

For 802.11n(HT20) Channel No.:100

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
31.010417	32.04	-13.9	45.94	Vertical	40.00
31.293333	31.52	-14.0	45.52	Vertical	40.00
33.233333	23.74	-14.9	38.64	Vertical	40.00
34.001250	20.03	-15.3	35.33	Vertical	40.00
49.157500	19.90	-23.6	43.5	Vertical	40.00
53.765000	21.04	-25.1	46.14	Vertical	40.00

For 802.11ac(HT20) Channel No.:100

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.000000	29.30	-13.4	42.7	Vertical	40.00
30.565833	30.89	-13.7	44.59	Vertical	40.00
31.252917	31.91	-14.0	45.91	Vertical	40.00
32.586667	25.40	-14.6	40	Vertical	40.00
33.031250	24.06	-14.8	38.86	Vertical	40.00
54.452083	20.25	-25.3	45.55	Vertical	40.00

For 802.11a Channel No.:116

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.282917	30.15	-13.5	43.65	Vertical	40.00
30.848750	32.74	-13.8	46.54	Vertical	40.00
31.495417	30.23	-14.1	44.33	Vertical	40.00
31.697500	28.79	-14.2	42.99	Vertical	40.00
32.101667	26.95	-14.4	41.35	Vertical	40.00
32.910000	24.54	-14.8	39.34	Vertical	40.00

For 802.11n(HT20) Channel No.:116

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.282917	30.37	-13.5	43.87	Vertical	40.00
30.767917	32.78	-13.8	46.58	Vertical	40.00
31.657083	28.85	-14.2	43.05	Vertical	40.00
32.465417	26.07	-14.6	40.67	Vertical	40.00
33.031250	24.10	-14.8	38.9	Vertical	40.00
33.758750	21.31	-15.2	36.51	Vertical	40.00

For 802.11ac(HT20) Channel No.:116

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.404167	30.19	-13.6	43.79	Vertical	40.00
31.091250	31.76	-13.9	45.66	Vertical	40.00
31.495417	30.23	-14.1	44.33	Vertical	40.00
31.778333	28.37	-14.2	42.57	Vertical	40.00
32.142083	26.81	-14.4	41.21	Vertical	40.00
33.475833	23.23	-15.0	38.23	Vertical	40.00

For 802.11a Channel No.:140

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.606250	31.11	-13.7	44.81	Vertical	40.00
31.131667	31.73	-13.9	45.63	Vertical	40.00
31.535833	29.82	-14.1	43.92	Vertical	40.00
32.344167	26.63	-14.5	41.13	Vertical	40.00
33.233333	23.73	-14.9	38.63	Vertical	40.00
54.169167	21.06	-25.2	46.26	Vertical	40.00

For 802.11n(HT20) Channel No.:140

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.000000	29.37	-13.4	42.77	Vertical	40.00
30.727500	32.66	-13.8	46.46	Vertical	40.00
31.455000	30.55	-14.1	44.65	Vertical	40.00
32.142083	26.84	-14.4	41.24	Vertical	40.00
33.475833	23.28	-15.0	38.28	Vertical	40.00
53.603333	20.78	-25.1	45.88	Vertical	40.00

For 802.11ac(HT20) Channel No.:140

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.000000	29.41	-13.4	42.81	Vertical	40.00
30.606250	31.33	-13.7	45.03	Vertical	40.00
31.293333	31.78	-14.0	45.78	Vertical	40.00
32.182500	26.73	-14.4	41.13	Vertical	40.00
32.950417	24.41	-14.8	39.21	Vertical	40.00
54.209583	20.98	-25.2	46.18	Vertical	40.00

For 802.11a Channel No.:149

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.000000	29.57	-13.4	42.97	Vertical	40.00
31.414583	30.85	-14.1	44.95	Vertical	40.00
33.516250	23.03	-15.1	38.13	Vertical	40.00
52.269583	20.03	-24.8	44.83	Vertical	40.00
53.765000	21.05	-25.1	46.15	Vertical	40.00
54.492500	20.20	-25.3	45.5	Vertical	40.00

For 802.11n(HT20) Channel No.:149

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.485000	30.44	-13.6	44.04	Vertical	40.00
31.172083	31.81	-14.0	45.81	Vertical	40.00
31.455000	30.50	-14.1	44.6	Vertical	40.00
32.303750	26.77	-14.5	41.27	Vertical	40.00
32.950417	24.37	-14.8	39.17	Vertical	40.00
33.718333	21.77	-15.1	36.87	Vertical	40.00

For 802.11ac(HT20) Channel No.:149

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.000000	29.43	-13.4	42.83	Vertical	40.00
30.727500	32.64	-13.8	46.44	Vertical	40.00
31.374167	31.21	-14.1	45.31	Vertical	40.00
33.314167	23.85	-15.0	38.85	Vertical	40.00
33.839583	20.97	-15.2	36.17	Vertical	40.00
54.169167	21.11	-25.2	46.31	Vertical	40.00

For 802.11a Channel No.:157

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.080833	29.47	-13.5	42.97	Vertical	40.00
30.363750	30.17	-13.6	43.77	Vertical	40.00
31.172083	31.70	-14.0	45.7	Vertical	40.00
31.576250	29.50	-14.1	43.6	Vertical	40.00
32.222917	26.70	-14.5	41.2	Vertical	40.00
33.395000	23.57	-15.0	38.57	Vertical	40.00

For 802.11n(HT20) Channel No.:157

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
31.091250	31.86	-13.9	45.76	Vertical	40.00
31.657083	28.83	-14.2	43.03	Vertical	40.00
32.990833	24.36	-14.8	39.16	Vertical	40.00
33.435417	23.32	-15.0	38.32	Vertical	40.00
54.128750	21.02	-25.2	46.22	Vertical	40.00
54.896667	19.50	-25.4	44.9	Vertical	40.00

For 802.11ac(HT20) Channel No.:157

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.404167	30.55	-13.6	44.15	Vertical	40.00
31.212500	31.63	-14.0	45.63	Vertical	40.00
31.899583	27.84	-14.3	42.14	Vertical	40.00
32.263333	26.64	-14.5	41.14	Vertical	40.00
33.637500	22.15	-15.1	37.25	Vertical	40.00
54.250000	20.88	-25.2	46.08	Vertical	40.00

For 802.11a Channel No.:165

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.202083	29.94	-13.5	43.44	Vertical	40.00
30.485000	30.60	-13.6	44.2	Vertical	40.00
30.808333	32.81	-13.8	46.61	Vertical	40.00
33.556667	22.74	-15.1	37.84	Vertical	40.00
53.118333	19.88	-25.0	44.88	Vertical	40.00
54.047917	21.10	-25.2	46.3	Vertical	40.00

For 802.11n(HT20) Channel No.:165

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.282917	30.18	-13.5	43.68	Vertical	40.00
30.970000	32.65	-13.9	46.55	Vertical	40.00
31.616667	29.16	-14.2	43.36	Vertical	40.00
33.192917	23.75	-14.9	38.65	Vertical	40.00
49.278750	19.99	-23.7	43.69	Vertical	40.00
53.967083	21.13	-25.2	46.33	Vertical	40.00

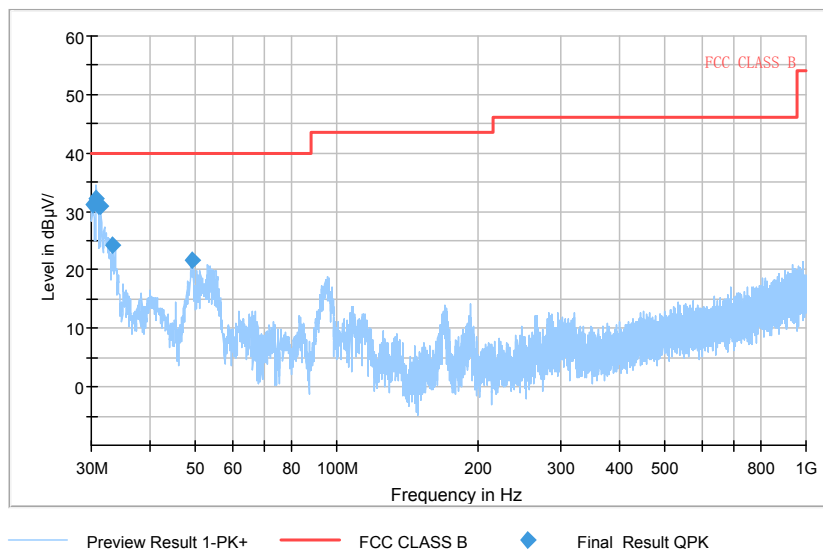
For 802.11ac(HT20) Channel No.:165

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)
30.080833	29.57	-13.5	43.07	Vertical	40.00
30.525417	30.86	-13.7	44.56	Vertical	40.00
30.808333	32.80	-13.8	46.6	Vertical	40.00
31.616667	29.20	-14.2	43.4	Vertical	40.00
32.222917	26.83	-14.5	41.33	Vertical	40.00
33.152500	23.81	-14.9	38.71	Vertical	40.00

Carrier frequency (MHz): 5180

Channel No.:36

Full Spectrum



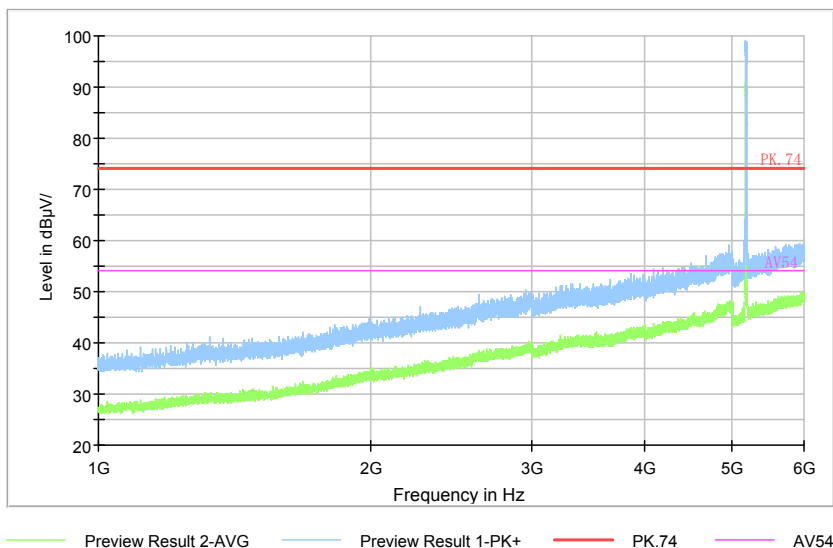
Comment

Frequency Range: 30MHz -1GHz

Detector: QP mode

Test Mode: 802.11a

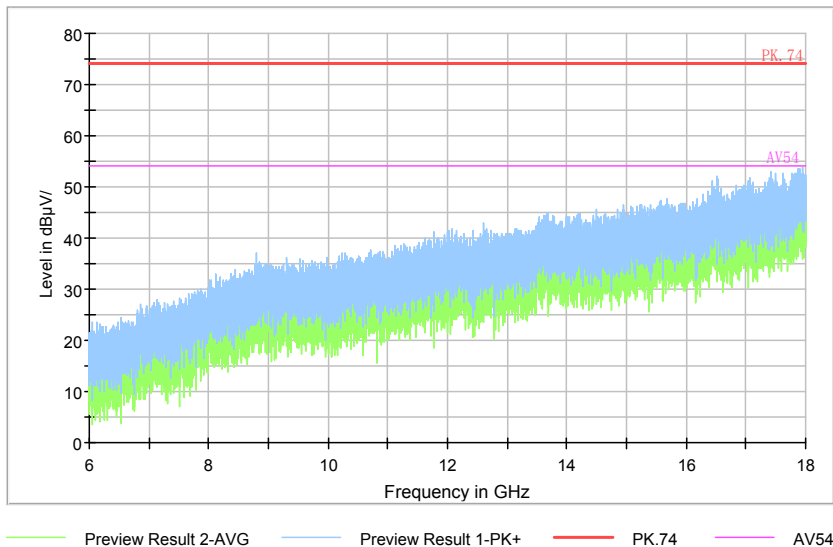
Full Spectrum



Comment

Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

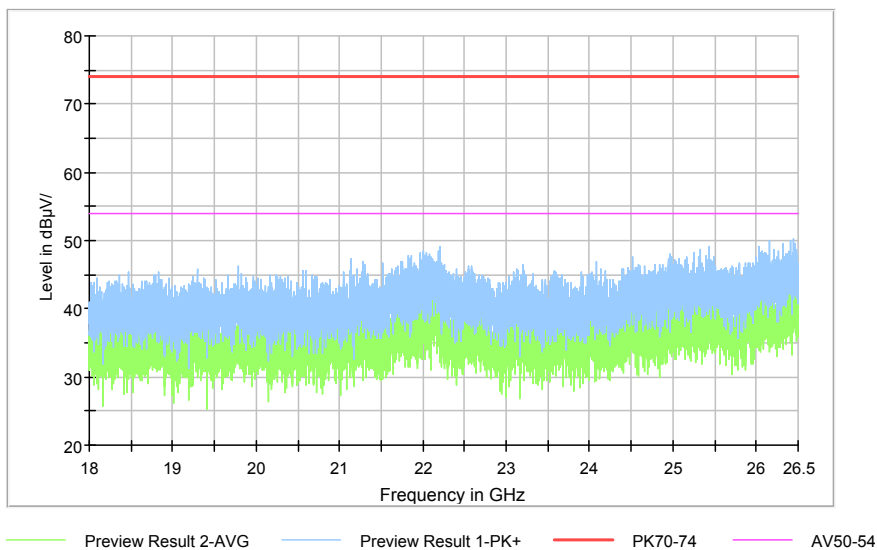
Full Spectrum



Comment

Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

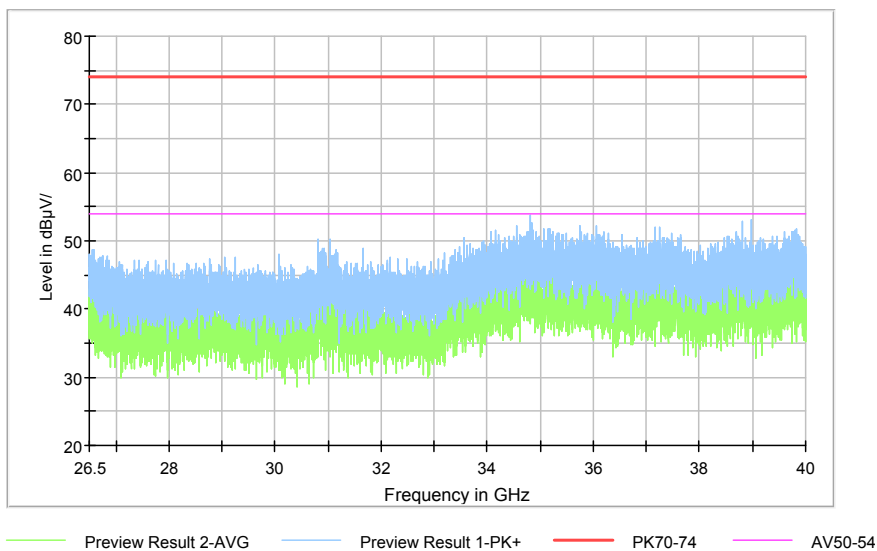
Full Spectrum



Comment

Frequency Range: 18GHz -26.5GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

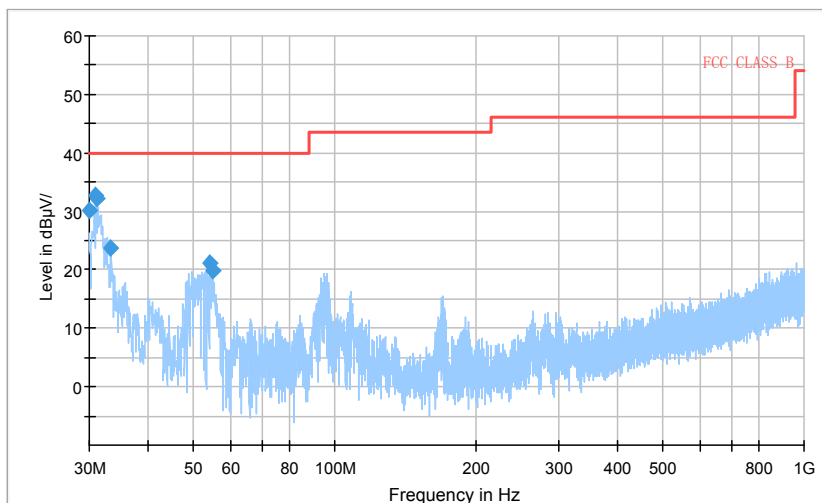
Full Spectrum



Comment

Frequency Range: 26.5GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

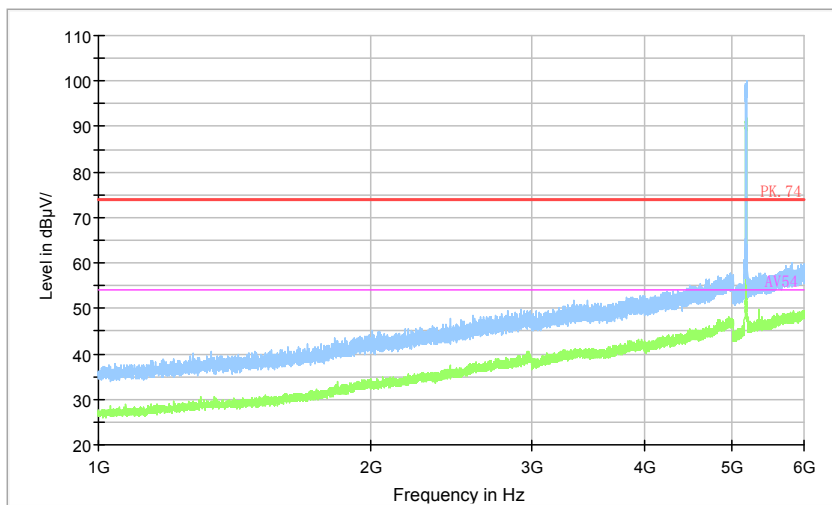
Full Spectrum



Comment

Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11n

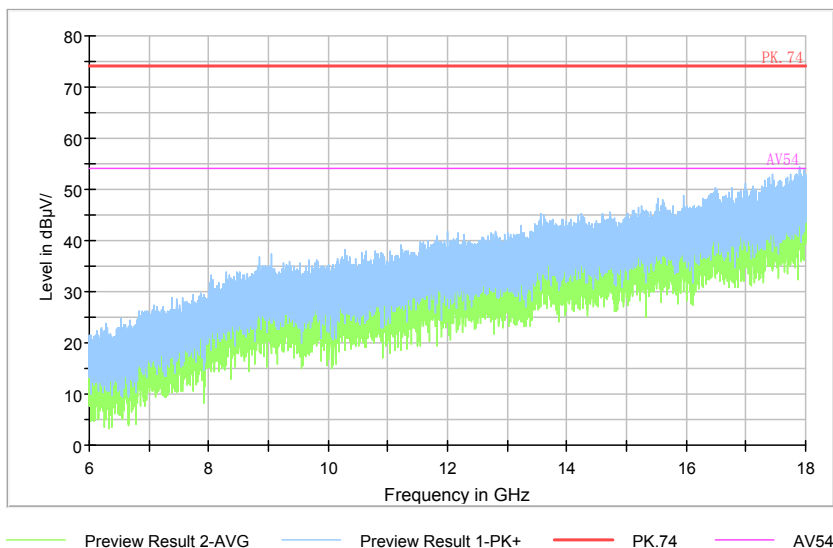
Full Spectrum



Comment

Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11n

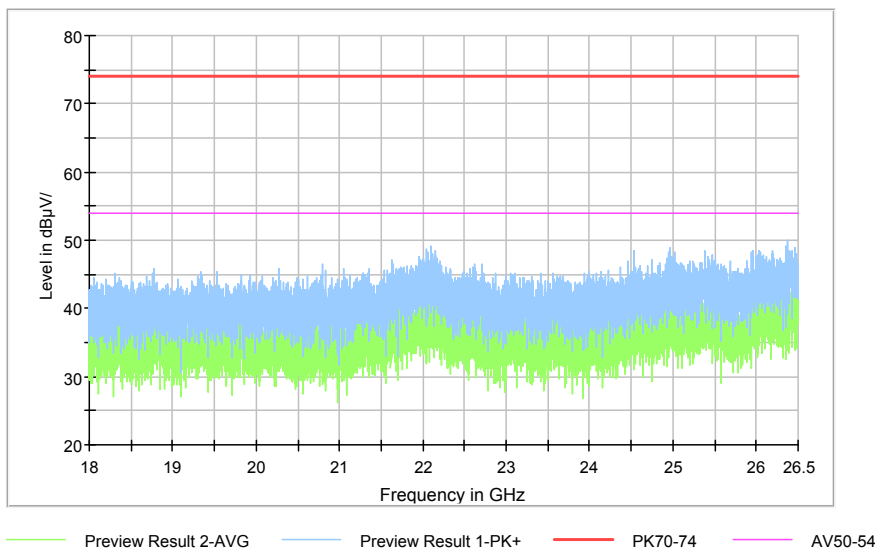
Full Spectrum



Comment

Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n

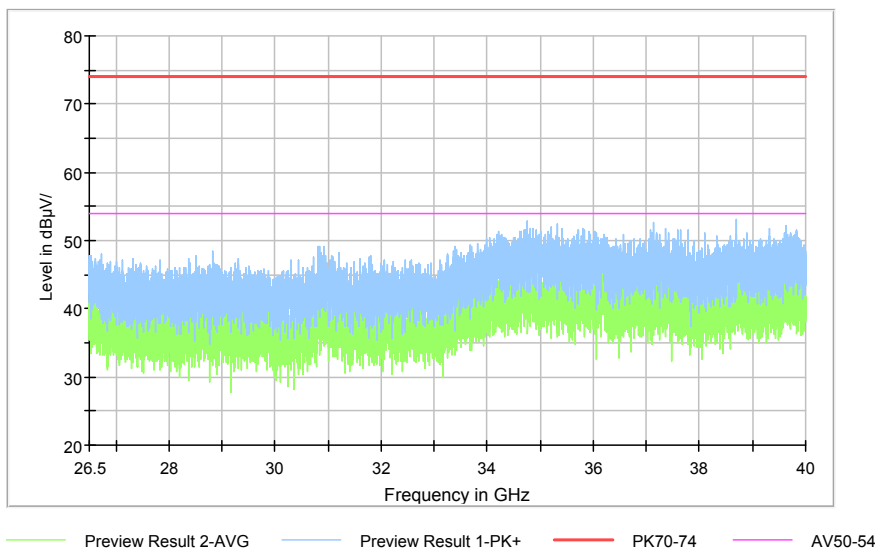
Full Spectrum



Comment

Frequency Range: 18GHz -26.5GHz
Detector: Av mode and PK mode
Modulation type: 802.11n

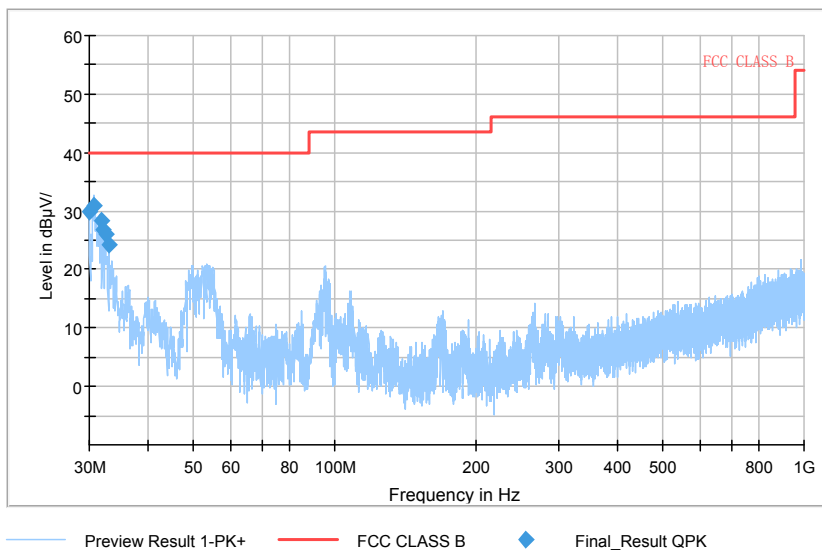
Full Spectrum



Comment

Frequency Range: 26.5GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11n

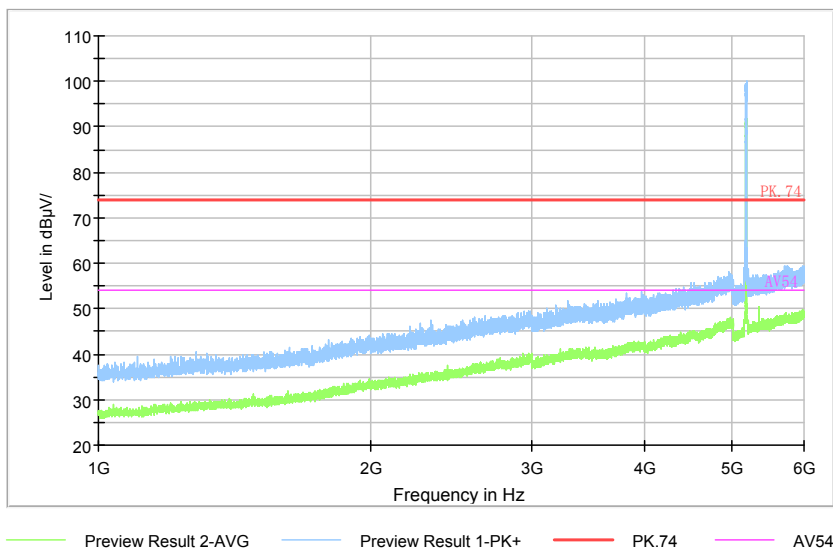
Full Spectrum



Comment

Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11ac(HT20)

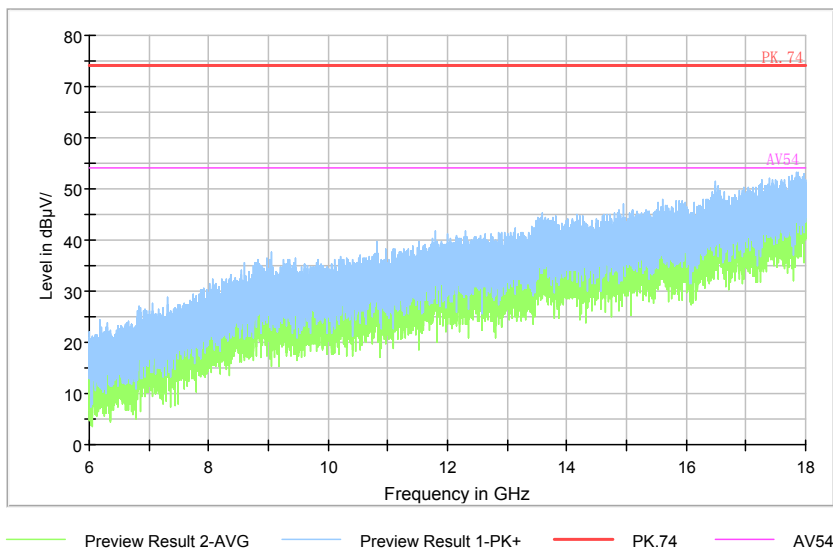
Full Spectrum



Comment

Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11ac(HT20)

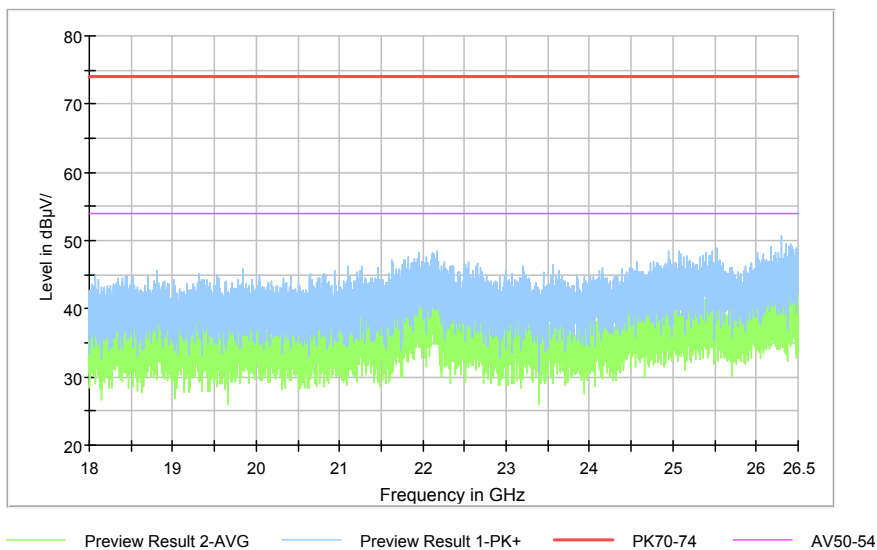
Full Spectrum



Comment

Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11ac(HT20)

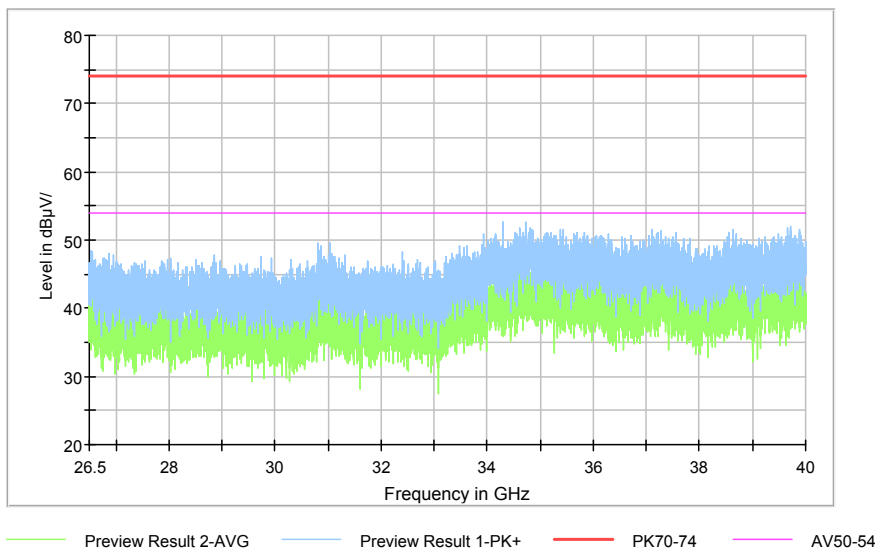
Full Spectrum



Comment

Frequency Range: 18GHz -26.5GHz
Detector: Av mode and PK mode
Modulation type: 802.11ac(HT20)

Full Spectrum



Comment

Frequency Range: 26.5GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11ac(HT20)